

## Ocean County, New Jersey

### DocB—Downer loamy sand, 0 to 5 percent slopes

#### Map Unit Setting

*National map unit symbol:* rdtj

*Elevation:* 0 to 130 feet

*Mean annual precipitation:* 28 to 59 inches

*Mean annual air temperature:* 46 to 79 degrees F

*Frost-free period:* 161 to 231 days

*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Downer and similar soils:* 80 percent

*Minor components:* 20 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Downer

##### Setting

*Landform:* Knolls, low hills

*Landform position (three-dimensional):* Interfluvial

*Down-slope shape:* Convex, linear

*Across-slope shape:* Linear

*Parent material:* Loamy fluviomarine deposits and/or gravelly fluviomarine deposits

##### Typical profile

*Ap - 0 to 10 inches:* loamy sand

*BA - 10 to 16 inches:* loamy sand

*Bt - 16 to 36 inches:* sandy loam

*C1 - 36 to 48 inches:* loamy sand

*C2 - 48 to 80 inches:* stratified sand to sandy loam

##### Properties and qualities

*Slope:* 0 to 5 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Well drained

*Runoff class:* Very low

*Capacity of the most limiting layer to transmit water (Ksat):*

Moderately high to high (0.60 to 6.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water storage in profile:* Moderate (about 6.6 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 2s

*Hydrologic Soil Group:* A

## Minor Components

### Evesboro

*Percent of map unit:* 5 percent

*Landform:* Dunes, low hills

*Landform position (three-dimensional):* Interfluve, side slope

*Down-slope shape:* Convex, linear

*Across-slope shape:* Convex, linear

### Mullica, rarely flooded

*Percent of map unit:* 5 percent

*Landform:* Depressions, flood plains, drainageways

*Landform position (two-dimensional):* Toeslope

*Landform position (three-dimensional):* Base slope

*Down-slope shape:* Concave, linear

*Across-slope shape:* Concave, linear

### Atsion

*Percent of map unit:* 5 percent

*Landform:* Flats

*Landform position (two-dimensional):* Footslope

*Landform position (three-dimensional):* Dip, talf

*Down-slope shape:* Linear

*Across-slope shape:* Linear

### Hammonton

*Percent of map unit:* 5 percent

*Landform:* Depressions, flats

*Landform position (two-dimensional):* Toeslope

*Landform position (three-dimensional):* Base slope

*Down-slope shape:* Concave, linear

*Across-slope shape:* Concave, linear

## Data Source Information

Soil Survey Area: Ocean County, New Jersey

Survey Area Data: Version 13, Sep 17, 2015